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of the Colic

I formerly treated of Colic as a form of the
intestinal state of fever. ^{This state of Colic} It is known 1 by
its prevailing during the existence of bilious
fever. 2 by a discharge of bile upwards or
downwards, & 3 by its being attended with
fever commonly preceded by chills. This
last mark is taken notice of by Dr. Sydenham.
It is generally seated in the Ileum.

Our business at present is to treat of
the Colic as a disease of the alimentary
& seated chiefly in its muscular fibres
of the Colon.

It is attended with great pain, a sense of
fullness, a retraction of the abdomen, suppression of
urine, hiccup, ~~convulsions~~ twisting about the navel, ~~vomiting~~ ^{retching} &
generally ~~involuntary~~ ^{involuntary} motions. It is called Colica
Dry belly, ~~dry belly~~ ^{dry belly} and ~~dry belly~~ ^{dry belly}.

~~It is sometimes~~ ^{It is sometimes} the face are affected by vomiting. The
disease is now called "involuntary".

Two cases who have this symptoms.
First who died ^{of this} symptom had a total inability to move, on
press the abdominal muscles on & bowels.

+ A temporary gutta serena, & a quiet ^{or} ^{& convulsions} ^{silent} delirium. Sometimes attends this disease.
It has been called by one West India writer an
intoxicated Tetanus. Natives & old immigrants are most subject
to it. # Cyder taken in large quantities is said to
produce it - hence its frequency in Devonshire (a
great Cyder Country) in England - Low wines or
produce it likewise.

(It is sometimes blended with the symptoms of
an intestinal state of fever. This may always
be known by a discharge of Bile upwards or
downwards, or by febrile symptoms particularly
chills or a chill preceding it - Typhus.)
66 Lard - better indirect adjuvant.

It was lost on Catherine of Russia
by laughter. The next day it ended in
Apoplexy. & Ruptured perspiration. It is thus
induced in the East Indies, by one of the
causes that induce Tetanus - viz. sleeping on the ground. It
is known by a hardness
like a lump on the belly. seen now
often & Stuart has showed in the
yellow fever. (a) Dissections show the

+ ~~Cancer~~ This disease is 2 remote & exciting
induced by the following causes.
~~It is often only a symptom of that~~

1 all the causes which induce Gout-Hysteria
& Hippochondriasis.

2 By certain Aliments ^{drinks} taken or other matters
taken into the stomach which act directly
upon the bowels. These are unripe fruit, raw
- cut & - formed around these stones -
vegetables - Cabbage - sour milk, fat meats
Aseal, pork, honey, ^{ascetic &} the fermented liquors, &

liquors with lead, and the fumes of lead
acting upon any part of the body. Cats & dogs
offspring I Geo. Baker says subject to it. Worms this head.

3 By diseases of contiguous parts particularly
the liver & kidneys. The former is known
by decubitus only on the right side, - the
latter by turbid urine, ^{by pressure on the sides which relate to} ~~on temporary interruption~~

4 By a deranged state of the bowels from
interception & from costiveness. It is sometimes
mysterious, and from costiveness. It is sometimes

its exciting causes are most of its symptoms
by strong tea - cold - fatigue
& vapors of the mind - & even a tight shoe.

5 - also - strong tea - cold - fatigue
& vapors of the mind - & even a tight shoe.
brown over to & & & Dispositions

Dissections show the
following appearances: 1 no marks of
disease of any kind. ^{emphysema & Hæmorrhage} 2 Inflammation. -
3 Adhesions of the intestines to each other.
4 Intussusception of the intestines, with
& without the two parts of the intestine adhe-
ring to each other. 5 a Stricture ^{or stricture} of the intes-
tine of which with a reduced diameter of the
gut. 6 Spasms in different parts of the bowels
have the origin of Typhoid. This was first
discovered by Peyer. That spasms will sur-
vive death we learn from Dr Haase who
saw the Spasms from tetanus several days
after death. 7 a knot in the intestines like
a tumor. This was discovered by Desmoures. 8.
water in the brain. ~~and~~ 9 mortification. ^{go to p. 31 (6)}
& Absence of fever. (The disease is invited by
either ^{or acquired} intestinal ~~for~~ ^{or} predisposition ~~or~~
~~acquired~~ The cause, remote & existing causes
which induce it, being our other diseases
in other persons who are affected by predis-
position in other systems. I have once known
this intestinal predisposition to be hereditary. ~~and of the~~
^{go back to Dissections (A)}

Robertus et al.

~~the~~ The cure divides itself into two parts. viz: the treatment of the paroxysm, and the preventing its occurrence, or removing the predisposition in the intestines - or curing the colic diathesis. ~~as the intestinal predisposition~~

I Remedies for paroxysm are

1st. - what! bleed - where there is no fever - no tension - or fulness of the pulse - and no inflammation? Yes - bleed to prevent fever & inflammⁿ - may more bleed - to prevent death without either of them. Recollect the facts from Morgagni ^{formerly mentioned} who saw death from Colic in which ^{he} discovered no one sign of inflammⁿ or mortification. Dis- ease here transcends inflammⁿ effu- sion. - Bleeding alone often cures Colic especially where it induces fainting. If it facilitates the reduction of a

+ It is indicated more certainly when the Colic arises from Gout, or an Affection of the Liver or kidneys.

v I have seen water in which tobacco smoke has been blown by a pipe, taken in a small quantity give as sudden relief as Lig: Laud.^m ~~Burdock~~ ^{The} seeds of the Burdock made into a tea have in one instance that came under my knowledge given immediate relief. After the pain in the bowels has been removed (if not before) give 3^{ly}

I know an ancient Citizen of Philad^a who has often cured himself of this Disease in its first Attack by drinking 6^{ly} of cold water. He was led to the Use of it by ~~reading~~ ^{reading} a publication by Dr Franklⁿ. ~~in the year~~ ^{relaxing quality} It acts by its irritative and ~~relaxing quality ^{suppository} made thus kept in the anus made of the following Ingredients has been found useful. R. Thur: myrrh & Croci a ʒss Opⁱ ʒi mixed wth the yolk of an egg Honey. ʒss. German.~~

5
dislocated bone, & lessens the pain of
posturition, is it any wonder it ^{is} ~~is~~
- by ^{is} ~~is~~ a colic. The ^{is} ~~is~~ should be copious,
or repeated till the pain is so far miti-
-gated, as to render

2 Opium safe & proper. It should be
given in small, but repeated doses till
ease is obtained. Apapetida given with it
Dr Quier says tends to prevent palsy of the limbs.
3 Laxative medicines. Begin with salts.

Cum: Tartar & Castor Oil - afterwards
give Jalap, Rhub. & Calomel. Aid
them by opening Glysters. I have

may ^{be} stimulating from ^{the} ~~the~~ quality
as Salts, or from ^{the} ~~the~~ quantity
of Turpentine, Brandy, or ^{the} ~~the~~ smoke of Tobacco.

from this to this has of warm water
injected into the bowels have often
cured this disease by distending the bowels.

~~Tobacco Glysters of smoke or infusion of tobacco~~
I have in several instances relaxed &
opened by the bowels by Glysters of cold water.
moist 3rd grade of heat: in bowels 2nd stomach

V more mode of treating this disease, but the ^{late}
Dr Cadwallider of this city improved it by
never giving laxative and before the 4th or 5th ^{the}
day, & then those of the most ancient kind. ^{The}
^{late} Dr Warren of London has adopted this prac-
-tice, and has recommended it in high terms ^{he says}
in the med^l Transactions. Possibly It saves
the limbs from palsy, & shortens the duration
of the disease. Possibly the use of V.S. may render
this slow mode of cure less necessary. I have
never met with a case of palsy in ~~an~~ any person
of any patients, ^{for} and I have bled in the Colic
for ~~near~~ ^{many} 20 years. The time to ~~begin~~ begin to
give purges Dr Warren says is when the pain
assumes the form of gripping, & is felt below
the navel.

† mustard to ankles or feet often gives
more prompt relief than Blisters. It
should be applied where we wish to ^a
prompt effect. Chatterton.

The propriety of this remedy is proved by a
✓ ~~warren says he has a spontaneous~~
^{having cured} salivation ~~case~~ it in 4 cases related by Dr
Warren. ^{in his} ~~that a nation of~~
I Mr Lewis ~~the late~~ informed me ~~the~~ Indians
whom he saw on his way to the pacific ocean, could
the Colic by ~~deep~~ treading on the bellies of persons
afflicted with it. ~~the patients sometimes cure themselves~~
^{by pressing their bellies against a stick.}
+ No relief should be considered as certain
or durable, untill a Diarrhea is induced, or
~~or~~ a griping felt below the navel.

7 Throwing cold water all over the belly,
after placing the patient upon his feet
upon a hearth. It induces reaction &
a determination to the skin, which
sometimes gives immediate relief.

The late Dr. Baile used it with success
in South Carolina. I know ^{partly in this city} ~~an instance~~
~~who cured himself by drinking~~ ^{of cold water}. It had
a salivation. This is an almost certain
remedy. The bowels open as soon as the
sponges to his place in the mouth. ~~Dr. V~~

The symptoms of a favourable
issue of the disease are.

- 1 a discharge of wind downwards.
- 2 a plentiful discharge of Urine after
it has been obstructed. 4 a gentle sweat.
- 3 the discharge of Sybilla. 5 D^o of Worms

6 great insensibility of the skin especially
on the lower limbs, & soles of the feet.
It often terminates in palsy of the
lower & upper extremities, from ^{lympa} ~~lympa~~

The only
1 woman who has escaped it in a warm
of lead ^{in this city} ~~bad~~ lives wholly on fat pork.

✓ Francis Citesius a French physician
who wrote in the year 1639, says this disease
made its appearance immediately after the
disuse of furs & skins in drefs - a proof that
cold is one of its remote & exciting cause!
- The feet in a more especial manner sh^d.
be protected from wet & cold.

① This disease was very common while I
was a student of medicine, & for the first few
years after I settled in Philad^a. - It is now a rare
disease. I have ascribed its ~~ap~~ disappearance to
~~these~~ things. 1 The more general use of flannel
next to the skin among both sexes - 2 to the
disuse of ^{at 12 o'clock} ~~lunch~~ 3 the abolition of late
and heavy suppers. 4 ^{light air in porches.} ~~night~~ The two former have
nearly driven it from West Indies. And Drinks
with warmth than their morbid effects only in the
drinks in the form of Rhubarb. But ^{when} not

between those parts of the bowels - that
is from both being affected with palsy.
The palsy of the bowels is owing to their
being left to wear out their excitement &
excitability from the want of dissipating
remedies. ^{vs.} I believe wd always prevent
it. I have ^{all its exciting causes sh^d be avoided.} never had a colic which
ended in palsy under my care. —

The prophylaxis, or preventing
the recurrence of this disease. The means
for this purpose are

- 1 Avoiding all its remote & existing
causes. ^{should be avoided.} especially costiveness & an excellent
- 2 ~~avoiding~~ ^{the very smell of paint when} medicine for this purpose
- 2 a diet ~~consists~~ is a teaspoonful of
Cude tartar. Curr: 4 & 1/2 al Tart a b.c.
called 3 tartars. ^{from lead has irritated it & may}
- 2 a diet of oily aliment ^{meaning claret which had been exposed to fumes of lead} — ^{brand} +
who live on pork exempted from it.
4 ^{4 grains Duplo} ~~the next to the~~ 4
regular exercise. ^{especially on horseback.}
The Egyptian Diet.

taken in camp with the body ^{exposed} ~~subject~~ to a ^a severe
stoppage of perspiration from thin dresses - this
morbid effects appear in ~~parts~~ colic, and in a
palsy of the extremities. -

There is a disease of the bowels known by the
name of the *Cholera* which is seated in the
upper intestines. It is accompanied with lip pain
but more frequent than the colic I have described. A
vomiting generally attends it in which faeces are
sometimes ejected which arises ^{up} from a rupture,
but a relaxation of the valve of the Colon. Its causes
& remedies are ~~the~~ nearly the same as *Cholera pictorum*.

When white the disease is called ^{the} *Cholera*

Cholera flux. - I have supposed this to be
derived from the liver. The watery stools I have
supposed ~~to be~~ to be a secretion from the liver.
+ frequent discharge of mucus with any
mixture of bile or faeces from the bowels.

M^r Samuels - M^{rs} Maly died with it. I have
called it a *Gonorrhoea* of the bowels. Vogel
calls it *Leucorrhoea* - from its resembling
Albus in women.

again - the Aliment is discharged
but little ^{this is called} changed. Lastly - pus or purulent
trunks in the ~~bowels~~ blood from abscesses. -

9
Dianhaa

~~This affection of the bowels is the effect of too stability local & general.~~

Frequent stools with a pain sometimes of a burning nature, without fever. The stools are mucous, - liquid. Dark colored, green & sometimes without any color. They are dark ^{and} green from a mixture of bile, & white ~~feces~~ ^{watery} ~~a total absence of bile~~. The stools ~~are~~ occur either in the day or night, or during both day and night. Sometimes there is a +
I have before spoken of the Dianhaa of fever.

It remains only to speak of it in its chronic form.

~~It is~~ It is always ~~accompanied~~ ^{natural or acquired ~~and~~ intestinal} preceded by indisposition which is attended with ~~general or local~~ debility. ~~involved ex-~~
- ~~It~~ ~~the~~ ~~citement~~ is attracted to the bowels in consequence of their weakness,

✓
2 acid, and putrid. Aliment, or Aliment
not habitual to a patient.

3 Drastring purges.

4 worms.

Other causes which induce it are

5 Obstructed lacteals, or mesenteric glands.

6 a want of ^{secretion} excretion from the Liver, of hence
the white stools - in some cases of Dysentery.

7 Preternatural ~~secretion~~ ^{secretion} ~~excretion~~ ^{excretion} from Liver - called

8 It is sometimes occasioned by the
Hepatic flux, - or ^{disturbance} of the liver. Indigestion ^{hence}
Absorption of pus from other parts
meeting by ^{secretion} of the bowels, and its effusion upon the
bowels.

9 By a Discharge of the Contents of ~~the~~ ^{or of mesenteric glands.} ~~the~~ ^{Stomach} ~~or of~~
Abscess of the Liver. - ^{Stomach} ~~or of~~ ^{Stomach} ~~or of~~

~~10 The small of intestine - of the family~~

10 preternatural secretion & excretion of

Bile - Chyle - or water from the liver, in

When Chyle is discharged - I have called the

Diabetes Chylous intestinalis - When water

- Diabetes aquosus intestinalis.

v It is remarkable when the stomach
performs its functions perfectly in
these chronic cases of Diarrhoea. Persons
even grow fat ^{tho} with this disease on them. In
these cases I have supposed the liver chiefly to be in fault.
+ Considering the how much the diseases
of the head are relieved by a ~~Diurnal~~ morbid
excitement in the bowels - ^{would it} ~~when it~~
not be proper to excite a little morbid
excitement in the ~~bowels~~ ^{head} to cure this
Disease in the bowels by a strong dose of
Opium?

years without appearing to impair health.
Wm Smith - Gen Gates - the latter ^{did at} ~~about~~ 78
1800. But it ~~much~~ ^{often} proves fatal
in a few years. ~~000~~ ✓

Remedies

^{the} from all its causes, wⁿ

1 In all cases of plethora, ^{and full} ~~the~~
tense pulse - begin with ^{some of} ~~the~~ ^{you} saw its
good effects in ⁱⁿ the Prussian Sailor 1802
^{also in} - Brown in 1804.5 & in Wm H. 1805
Dr Sydenham commends it in high terms.
I used it several times in ⁱⁿ Howell's Case in 1803
2 Purgs - ⁱⁿ 1806. ⁱⁿ should be
preferred for this purpose.

3 Unguent of Ipseacua repeated 2 or
3 times a week. They determine to the
skin, and counteract the increased pe-
ristaltic motion of the bowels.

4 Opiates - These should be given in small
doses in the day, & in such doses ^{at bed time} as to pre-
vent rising in the night. I have given
℞ Ipec Rhiz a ʒij Opij ʒss erfi terdie.
with success in this disease. ^{Doses powder is}
^{excellent.} Promotes sweat.

+ Loaf Sugar & Brandy - flour & brandy.
Was in substance, or dissolved in milk by
means of the white of an egg. - Not vinegar
Gambages a b c.

~~V Torries as Columbus root - guppies -
Rust of Iron - they remove the
the torpor on ^{at} the vertebrae
Depends.~~

V A sheet of paper boiled in this
of milk cured it in a quart^r in
Maryland. After all the common
Remedies for this disease had
been used to purpose. & then.

I have known it to be too used
in two persons by lemonade, & punch,
made with ^{the} sugar & stone juice.

med^o 12

5 Castings with ^{as} pulp. Cortex with ^{al}
Tart & Laudanum - Lomentil root -
pomgranates - Extract of pennisone -

Thirt from skin - Gallo. ^{3j} ^{water} ^{poilt to top} ^{then}
or Cinnamon ^{3j} ^{spirit} ^{10j} ^{then}

Strain it, & add ^{brandy or spirit} ^{equal to} ^{a pint}
left, & sugar as much as will make a

Syrup of w. give ^{ch} ^{Coch. i} ^{terdie} - post linc
large doses of white vitriol. Dr Johnson. ~~+~~ ⁺

6 A diet regulated by the state of the system

^{which are}
of the system - if dark col? stools attend
^{bilious} it should consist of vegetables as Rice,

toasted - and in all its form - boiled with

gruel of boiled flowers - Arrow root, ^{potatoes}

toasted bread - ale & malt - potatoes ^{be} ^{of}

^{when the} green stools attend - animal & alkaline

diet - as these - Eggs - salt meat - ^{fowl} ^{bone}

and other cordial articles. particularly Porter.

Food difficult of digestion has sometimes cured it.

7 Sometimes a morbid Animony prevails
in the bowels. Here Demulcent Drinks as
plaster - & mallow tea - also Mullen tea -

7. Jos. Clark's nurse cured by sucking a
woman she went to nurse of a
Diarrhea of 3 years continuance.

Diantha - continued
 commonly a pyrexia with great anæmia,
 & is highly useful. I once knew this
 of toast & water cured this disease pro-
 -bably only by dilution. ~~with~~ ~~had~~ the
 same effect a diet of milk has cured it. ✓
 & Blisters. These ~~not~~ remedies act
 powerfully in this disease. They often
 cure it in a few days, & when repeated
 seldom fail of curing it in a few
 weeks. They sh^d be applied to the wrists
 and legs. Remember Dr. Thury's remark,
 of the skin & bowels acting like anta-
 -gonist muscles upon each other.

9 Glysters - of Starch - Broth - milk,
 with Lard: also Ipec: Zp Lard 950
 Dr Clark recommends 7½ pint: in
 Glysters to excite a new action in the

+ which is often the case in this
disease - perhaps always in women
climates. It is no sign that this has
~~been~~^{not} been the case - when the liver is -
nor the skin of bill.
exhibits no mark of disease, a simple
morbid excitement is sufficient to induce
the Hepatic flux. ~~see~~ Gould's case. It
should ^{always} be suspected where the functions of
the stomach are unimpaired. -

✓ It ~~case~~ was followed by Catarrh
& hoarseness in Roxier in 1806 Feb.

bowels. most proper ¹⁴ in. ^{ing.} ^{consequence} of $\frac{2}{3}$ Bowels.

10 - the warm Bath. Dr Tilton used to use the Diarrhoea of Soldiers with the Remedy. The Vapor Bath may be used ^{tho} instead of it.

11 The Cold Bath. Driving cured by it.

12 a salivation. This is commended by Dr Clark. It succeeded in a failure in 1801 in the hospital ~~when~~ after Blister & all other Remedies had been used to no purpose. It succeeded in - Browning in 1804.5.

13 ~~advent~~ Change of Residence. It has been induced by bad water, & by ^a ~~poor~~ offensive privies. By removing from both, a Cure has sometimes been effected. But the chief benefit of a Change of Residence is derived from a Change of Air.

14 a sea voyage. 15 a warmer climate.

16 exciting the Action of the Arterial System. I have twice known it cured by an accidental pleurisy, & that too in a single night after 3 months continuance.

18 Bandages & Rollers About the
Bowels, so as to ^{stimulate} ~~compress~~ the
intestines by the action of the
Abdominal muscles on them.

The Egyptian Remedy. Helped
Thompson, & cured ~~was~~ Howel in 1803.

19 Dr Casey of N. Carolina informed
me in a letter rec'd from him in 1800
that it was accidentally cured in one
of his patients by a bruise on the sole
of his feet.

20 as the liver is often affected in
this disease, what would be the effect
of a Caustic applied to it? —
21 what would be the effect of

It may be done by mustard or boiling
water applied to the skin.
17 warm drops, especially to the bowels & feet.
✓ - All the exciting causes before mentioned
should be carefully avoided. When Diarrhoea
arises from worms - they should be dislodged
- when from gout - great pains shd be
taken to drive it to the feet by stimulants
applied to them particularly to the great
toe.

1 It is a sign of Convalescence when
feces are discharged before wind from
in going to stool - & vice versa when

Wind precedes the discharge of feces.
2 And mutations are favorable. - or tryid
When this disease proves fatal, an inert state
of the bowels often takes place which I shall
call ~~Paralysis~~ ~~from~~ Diarrhoea. It would
seem as if external and internal nerves
- & their fibres were upon

intoxication - upon the principle
formerly mentioned in speaking
of Opium? that is - exciting a new &
stronger action in the brain? ~~turn back to~~

22 Dr Bonet recommends the application
of astringents to the Soles of the feet. He
supposes they contract the vessels by
their sympathy with the Soles of the feet.
turn back to p. 15 =

a footing in losing their visitability
 and sensibility by the long duration
 of disease. ~~and~~ It would seem further
 as if ~~both~~ Disease, thus induced a
 temporary, or a premature old age,
 for what is old age - but ^{reduced} excitement
 and expanded excitability, or a that
 state which I have called Stricture,
 or a universal neuralgia - if I may
 be allowed to coin a word to express
 the torpor and stupor of the nervous
 and muscular parts of the whole
 system. —

